L Number	Hits	Search Text	DB	Time stamp
_	1	wrixon.in.	USPAT; US-PGPUB	2004/09/01
	4	((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) same (least adj significant adj bit) same (pixel) same (color)) and ((protect\$4 or authoriz\$5 or copyright\$4)	USPAT; US-PGPUB	2004/09/01 12:36
_	7	with (pixel or image)) and filter and @ad<19991213 ((modification or modify\$4 or chang\$4 or	USPAT;	2004/09/01
		replac\$4 replacement or substitut\$4 alter\$4) same (least adj significant adj bit) same (pixel) same (color)) and ((protect\$4 or authoriz\$5 or copyright\$4) with (pixel or image)) and @ad<19991213	US-PGPUB	12:36
_	10	((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) same (least adj significant adj bit) same (pixel) same (color)) and ((protect\$4 or authoriz\$5 or copyright\$4)	USPAT; US-PGPUB	2004/09/01 13:00
-	54	with (pixel or image)) ("3798360" "3872483" "3882512" "3968505" "4053240" "4064515" "4074324" "4122521" "4131919" "4149795" "4175848" "4361388" "4405829" "4418425" "4489351" "4541010" "4626898" "4635203" "4680628" "4695959" "4702585"	USPAT	2004/09/01 12:59
		"4704632" "4709266" "4837628" "4860352" "4887296" "4916737" "4993067" "5045937" "5115467" "5191613" "5221925" "5237612" "5243652" "5247575" "5296884" "5321753" "5347580" "5348529" "5349459" "5363448" "5379224" "5382957" "5384846" "5386117"		
_	27	"5388158" "5390245" "5390297" "5406619" "5408217" "5440301" "5442342" "5451757" "5521984").PN. ((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) same ((least adj significant adj bit) or LSB) same (pixel) same (color))	USPAT; US-PGPUB	2004/09/01 13:02
_	30	and ((authenticat\$4 embed\$4 hidden hid\$3 protect\$4 or authoriz\$5 or copyright\$4) with (pixel or image)) ((modification or modify\$4 or chang\$4 or	USPAT;	2004/09/01
		replac\$4 replacement or substitut\$4 alter\$4) same ((least adj significant adj bit) or LSB) same (pixel) same (color)) and ((authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or \$2authoriz\$5 or copyright\$4) with (pixel or image))	US-PGPUB	13:02
-	30	((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) same ((least adj significant adj bit) or LSB) same (pixel) same (color)) and ((authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4) with (pixel or image))	USPAT; US-PGPUB	2004/09/01 14:04

BEST AVAILABLE COPY

_	27	((modification or modify\$4 or chang\$4 or	USPAT;	2004/09/01
		replac\$4 replacement or substitut\$4	US-PGPUB	14:08
		alter\$4) same ((least adj significant adj		
		bit) or LSB) same (pixel) same (color))		
		and ((authenticat\$4 embed\$4 hidden hid\$3		
		protect\$4 sensitive or authoriz\$5 or		
		copyright\$4) with (pixel or image)) and		
1		(recogniz\$4 detect\$4 know\$3 notify\$3		
}		determination determin\$3) same		
		(modification or modif\$5 or chang\$4 or		
}		replac\$4 replacement or substitut\$4		
İ		alter\$4) same (pixel color)		
_	27		USPAT;	2004/09/01
		replac\$4 replacement or substitut\$4	US-PGPUB	14:10
	-	alter\$4) same ((least adj significant adj		
	Ì	bit) or LSB) same (pixel) same (color))		
	1	and ((authenticat\$4 embed\$4 hidden hid\$3		
		protect\$4 sensitive or authoriz\$5 or		
		copyright\$4) with (pixel or image)) and		
		(recogniz\$4 detect\$4 know\$3 notify\$3		
		determination determin\$3) same		
		(modification or modify\$4 or chang\$4 or		
		replac\$4 replacement or substitut\$4		
		alter\$4) same (pixel color)		
1_	16		USPAT;	2004/09/01
	10	replac\$4 replacement or substitut\$4	US-PGPUB	
-	•		US-PGPUB	14:11
		alter\$4) same ((least adj significant adj		
		bit) or LSB) same (pixel) same (color))		
		and ((authenticat\$4 embed\$4 hidden hid\$3		
		protect\$4 sensitive or authoriz\$5 or		
		copyright\$4) with (pixel or image)) and		
		(recogniz\$4 detect\$4 know\$3 notify\$3		
		determination determin\$3) with		
		(modification or modify\$4 or chang\$4 or		
		replac\$4 replacement or substitut\$4		
		alter\$4) same (pixel color)		
-	14	1 ' '	USPAT;	2004/09/01
		replac\$4 replacement or substitut\$4	US-PGPUB	14:27
		alter\$4) same ((least adj significant adj		
		bit) or LSB) same (pixel) same (color))		
		and ((authenticat\$4 embed\$4 hidden hid\$3		
		protect\$4 sensitive or authoriz\$5 or		
	1	copyright\$4) with (pixel or image)) and		
		(recogniz\$4 detect\$4 know\$3 notify\$3		
		determination determin\$3) with	,	
		(modification or modify\$4 or chang\$4 or		
		replac\$4 replacement or substitut\$4		
		alter\$4) with(pixel color)		
-	14		USPAT;	2004/09/01
1		replac\$4 replacement or substitut\$4	US-PGPUB	15:41
		alter\$4) same ((least adj significant adj		
		bit) or LSB) same (pixel) same (color))		
		and ((authenticat\$4 embed\$4 hidden hid\$3		
		protect\$4 sensitive or authoriz\$5 or		
		copyright\$4) with (pixel or image)) and		
]	(recogniz\$4 detect\$4 know\$3 notify\$3		
		determination determin\$3 identification		
		identify\$4 notic\$5) with ((modification	-	
		or modify\$4 or chang\$4 or replac\$4		
		replacement or substitut\$4 alter\$4)		
	l	(authenticat\$4 embed\$4 hidden hid\$3		
		protect\$4 sensitive or authoriz\$5 or		
		copyright\$4)) with(pixel color)		

BEST AVAILABLE COPY

	47	((least adj significant adj bit) or LSB) same (pixel) same (color) and ((authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4) with (pixel or image)) and (recogniz\$4 detect\$4 know\$3 notify\$3 determination determin\$3 identification identify\$4 notic\$5) with ((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4)) with(pixel color)	USPAT; US-PGPUB	2004/09/01 15:42
	14	((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) same ((least adj significant adj bit) or LSB) same (pixel) same (color)) and ((authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4) with (pixel or image)) and (recogniz\$4 detect\$4 know\$3 notify\$3 determination determin\$3 identification identify\$4 notic\$5) with ((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4)) with(pixel color)	USPAT; US-PGPUB	2004/09/01 15:42
	14	((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) same ((least adj significant adj bit) or LSB) same (pixel) same (color)) and ((authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4) with (pixel or image)) and (recogniz\$4 detect\$4 know\$3 notify\$3 determination determin\$3 identification identify\$4 notic\$5) with ((mark\$3 modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5	USPAT; US-PGPUB	2004/09/01 15:53
	33	or copyright\$4)) with(pixel color) (((least adj significant adj bit) or LSB) same (pixel) same (color) and ((authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4) with (pixel or image)) and (recogniz\$4 detect\$4 know\$3 notify\$3 determination determin\$3 identification identify\$4 notic\$5) with ((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4)) with(pixel color)) not (((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) same ((least adj significant adj bit) or LSB) same (pixel) same (color)) and ((authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4) with (pixel or image)) and (recogniz\$4 detect\$4 know\$3 notify\$3 determination determin\$3 identification identify\$4 notic\$5) with ((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or	USPAT; US-PGPUB	2004/09/01 15:45
L		copyright\$4)) with(pixel color))		

48 (recogniz\$4 detect\$4 know\$3 notify\$3 USPAT; 2004/09/01 determination determin\$3 identification identify\$4 notic\$5) with ((mark\$3 modification or modify\$4 or chang\$4 or
replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5
or copyright\$4)) with (pixel color) with ((least adj significant adj bit) or LSB)
0 ((mark\$3 modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4)) with (pixel color) with ((based according basis correspond\$3)near2 ((least adj
significant adj bit) or LSB)) ((recogniz\$4 detect\$4 know\$3 notify\$3 determination determin\$3 identification identify\$4 notic\$5) with ((mark\$3 modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4)) with (pixel color) with ((least adj significant adj bit) or LSB) not (((least adj significant adj bit) or LSB) same (pixel) same (color) and ((authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4) with (pixel or image)) and (recogniz\$4 detect\$4 know\$3 notify\$3 determination determin\$3 identification identify\$4 notic\$5) with ((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4) with (pixel color)
- 233 ((mark\$3 modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4)) with (pixel color) with ((least adj significant adj bit) or LSB)
determination determin\$3 identification identify\$4 notic\$5) with ((mark\$3 modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4)) with (pixel color) with ((least adj significant adj bit) or LSB)) not (((modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) same ((least adj significant adj bit) same (color)) and ((authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4) with (pixel or image)) and (recogniz\$4 detect\$4 know\$3 notify\$3 determination determin\$3 identification identify\$4 notic\$5) with ((mark\$3 modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$4 sensitive or authoriz\$5 or copyright\$4) with (pixel or image)) and (recogniz\$4 detect\$4 know\$3 notify\$3 determination determin\$3 identification identify\$4 notic\$5) with ((mark\$3 modification or modify\$4 or chang\$4 or replac\$4 replacement or substitut\$4 alter\$4) (authenticat\$4 embed\$4 hidden hid\$3 protect\$5 ensitive or authoriz\$5 or copyright\$4))
with(pixel color))

_	226	"5530759" "5488664"	USPAT;	2004/09/01
			US-PGPUB	16:20
-	2 .	("5530759" "5488664").pn.	USPAT;	2004/09/01
			US-PGPUB	16:20